

20000724.qrp v01_n892.qrl.20000724

Date: Mon, 24 Jul 2000 19:03:09 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1892

QRP-L Digest 1892

Topics covered in this issue include:

- 1) [75695] Guitars, mandolin, fiddle, banjo, etc. at Ft. Tuthill
by "Doug Hendricks" <ki6ds@hotmail.com>
- 2) [75696] Re: Got FOX pelt OK today
by tom palmer <n1tp@worldnet.att.net>
- 3) [75697] Re: Guitars, mandolin, fiddle, banjo, etc. at Ft. Tuthill
by "Michael Connor" <mikec@primenet.com>
- 4) [75698] FOX: Phooey! Another Fox too close?
by "KC1FB" <kc1fb@optonline.net>
- 5) [75699] HB: filter caps & decoupling & wattmeters.
by "Harry Hurst" <hhurst@delanet.com>
- 6) [75700] Fox Too Close?
by "Bob Tellefsen" <n6wg@earthlink.net>
- 7) [75701] Re: Fox Too Close?
by Macstein@aol.com
- 8) [75702] Index Lab Companion Owners
by ARDUJENSKI@aol.com
- 9) [75703] Re: Fox Too Close?
by John Wagner <john@neknetwork.com>
- 10) [75704] Re: ANT: QRP use of the Double Bazooka
by John Wagner <john@neknetwork.com>
- 11) [75705] Re: ANT: QRP use of the Double Bazooka
by John Wagner <john@neknetwork.com>
- 12) [75706] Ft. Tuthill & I-40
by jaywa5whn@juno.com
- 13) [75707] Re: Reading while operating CW
by Steve Muncy <listsubs@sintezo.com>
- 14) [75708] Re: Reading while operating CW
by BenNW7DX@aol.com
- 15) [75709] Fox hunt #6
by Pete Burbank <plburbank@kih.net>
- 16) [75710] QST INDEX
by Charles K Brown <n4so@juno.com>
- 17) [75711] Am I the only one hearing this?
by Niels Jensen Kristjansson <nkristja@cadvision.com>
- 18) [75712] Re: Am I the only one hearing this?
by BenNW7DX@aol.com
- 19) [75713] Re: Am I the only one hearing this?

by AdamN7YA@aol.com

20) [75714] Re: Reading while operating CW
by "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>

21) [75715] FS: MFJ rigs (loaded)
by Jerry Albertin <kg2jff@juno.com>

22) [75716] Re: HB: filter caps
by "Lau, Zack, W1VT" <zlau@arrl.org>

23) [75717] RE: Guitars, mandolin, fiddle, banjo, etc. at Ft. Tuthill
by "Hare, Ed, W1RFI" <w1rfi@arrl.org>

24) [75718] Re: Am I the only one hearing this?
by Al Patrick <apatrack@inet4u.com>

25) [75719] Re: Am I the only one hearing this?
by W1R0@aol.com

26) [75720] re: 14008
by W1R0@aol.com

27) [75721] re: 14008
by "Geoff QRP-L mailing list" <geoffqrp@wormhole2.com>

28) [75722] Re: 14008
by "Steve McDonald" <jsm@gulfislands.com>

29) [75723] Re: Guitars, mandolin, fiddle, banjo, etc. at Ft. Tuthill
by "Cla KA0GKC" <ka0gkc@arrl.net>

30) [75724] Re: Am I the only one hearing this?
by "James C. Owen, III" <k4cgy_list@yahoo.com>

31) [75725] BLT Mechanics
by Phil Wheeler <w7ox@earthlink.net>

32) [75726] Fox #6
by Howard Myers <howardw7ilw@cableone.net>

33) [75727] More stuff about Z-match winding stuff
by Nils R Young <nilsbull@juno.com>

34) [75728] Re: BLT Mechanics
by david fouchey <dafouchey@home.com>

35) [75729] Re: Am I the only one hearing this?
by david fouchey <dafouchey@home.com>

36) [75730] Re: Fox #6
by John Wagner <john@neknetwork.com>

37) [75731] Re: BLT Mechanics
by n2cx@voicenet.com

38) [75732] Re: QRP-L digest 1890
by Stuart Rohre <rohre@arlut.utexas.edu>

39) [75733] Test-don't read!
by "Tom Dufresne" <tdufres@hotmail.com>

40) [75734] 1t1088
by Anthony Felino <anthony@pacinfosb.com>

41) [75735] Probs with "Foxhunt"
by "Tom Dufresne" <tdufres@hotmail.com>

42) [75736] Re: Am I the only one hearing this?
by "Brian" <brian@iquest.net>

43) [75737] Re: Lazy H, I was conveying the word view of it

by Stuart Rohre <rohrer@arlut.utexas.edu>
44) [75738] Re: Am I the only one hearing this?
by ABCQRP <w6abc@yahoo.com>
45) [75739] Re: Am I the only one hearing this? re: 14008
by W1R0@aol.com
46) [75740] Re: Am I the only one hearing this?
by Bruce Rattray <rattray@gpfn.sk.ca>
47) [75741] Re: Probs with "Foxhunt"
by John Wagner <john@neknetwork.com>
48) [75742] TRIANGULATION ON 14.060?
by ARDUJENSKI@aol.com
49) [75743] Re: 14008
by "Steve McDonald" <jsm@gulfislands.com>
50) [75744] Re: OT: I have Linux, Now What...
by "laura halliday" <marsgal42@hotmail.com>
51) [75745] Re: TRIANGULATION ON 14.060?
by W1R0@aol.com
52) [75746] ANT: The word "Dipole"
by Steve Yates <aa5tb@yahoo.com>
53) [75747] Re: Am I the only one hearing this?
by "W7TRX" <w7trx@mindspring.com>
54) [75748] Interference on 14.008 and FCC
by ARDUJENSKI@aol.com
55) [75749] FS: Rainbow, Freq Count, SWR/Prw mtr...
by Radman <radman@best.com>
56) [75750] 14.00775
by Niels Jensen Kristjansson <nkristja@cadvision.com>
57) [75751] Re: Callsign lookup via QRP-L
by lujce@Lehigh.EDU
58) [75752] Linux and DOS stuff
by euramcom <mel@euramcom.freemove.co.uk>
59) [75753] Re: ANT: QRP use of the Double Bazooka
by "Walt Amos" <waltk8cv@surfree.com>
60) [75754] RE: ANT: QRP use of the Double Bazooka
by "Kanalz, Karl" <Karl.Kanalz@allegiancetelecom.com>
61) [75755] varactors & black magic
by David Hinerman <dlh1009@ritvax.isc.rit.edu>
62) [75756] Re: ANT: QRP use of the Double Bazooka
by "Mike Yetsko" <myetsko@insydesw.com>
63) [75757] ANT: Antennas with resistors
by "Ed Manuel (N5EM)" <n5em@flash.net>
64) [75758] 14.008 INTERFERENCE LATEST WORD
by ARDUJENSKI@aol.com
65) [75759] FS: Rainbow SOLD !! & update...
by Radman <radman@best.com>
66) [75760] Re: varactors & black magic
by Chris Trask <ctrask@primenet.com>
67) [75761] Re: varactors & black magic

by "w8diz" <w8diz@cinci.rr.com>
68) [75762] Re: Am I the only one hearing this?
by Tim Soxman <tims@hhs.net>
69) [75763] RE> Want to go "Retro"
by Bill Coleman AA4LR <aa4lr@radio.org>
70) [75764] Re: ANT: QRP use of the Double Bazooka
by Rick McKee <kc8aon@juno.com>
71) [75765] Broadband antennas with resistors
by Rick McKee <kc8aon@juno.com>
72) [75766] Another rainbow tuner for sale!
by Goemans <jgoemans@facstaff.wisc.edu>
73) [75767] RE: 14.008
by "Alan Dawkins" <alk0frp@home.com>
74) [75768] ANT: Will test Bazooka on air tonight
by John Wagner <john@neknetwork.com>
75) [75769] Re: 14.008
by "George , W5YR" <w5yr@att.net>
76) [75770] Re: 14.008
by "Rich Wilkerson" <richqrp@home.com>
77) [75771] Re: 14.008
by "Alan Dawkins" <alk0frp@home.com>
78) [75772] Re: 14.008
by BenNW7DX@aol.com
79) [75773] Re: varactors & black magic
by "Brad Hernlem" <alihernlem@hotmail.com>
80) [75774] Re: 14.008
by "Rich Wilkerson" <richqrp@home.com>
81) [75775] K2 balanced output?
by Goran Hosinsky <hosinsky@royac.iac.es>

Date: Sun, 23 Jul 2000 16:03:09 PDT
From: "Doug Hendricks" <ki6ds@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [75695] Guitars, mandolin, fiddle, banjo, etc. at Ft. Tuthill
Message-ID: <LAW2-F87Js5bE4sJLwH00002f93@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Guys, if you play an acoustic instrument, bring it along with you to Ft. Tuthill. Dave Benson will be there (he plays guitar very well), Bob Okas is bringing his mandolin and guitar, and I will have my new 12 string with me. We plan on having some fun. All are welcome to join. Don't know what this has to do with qrp, but wanted to get the word out. See you in AZ this weekend. 72, Doug

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Date: Sun, 23 Jul 2000 19:07:27 -0400
From: tom palmer <n1tp@worldnet.att.net>
To: "Wilford D. Lindsey" <70511.3041@compuserve.com>
Cc: Mac Stein AF4PS <Macstein@aol.com>, QRP-L Discussion Group <QRP-L@Lehigh.edu>, Pete Burbank NV4V <plburbank@kih.net>, Paul Womble <pwomble1@tampabay.rr.com>
Subject: [75696] Re: Got FOX pelt OK today
Message-ID: <397B7AAF.7A5E5297@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Outstanding!

Tom

All we need to know now is about Pete.

Tom

"Wilford D. Lindsey" wrote:

> Tom and everyone:
>
> Got him #1 today. Just happened to be fooling around with my SST getting
> ready for the Bumblebees next Sunday. Heard him begin right at 2000Z, gave
> a call--and BANG he came right back to my 1.6 watts. Right at the
> beginning the band was completely clear except for the FOX.....but right
> after our QSO, here came the hunters :-). Yikes, gotta say it was a thrill
> to bag him right at the outset, and with the tiny rig. Antenna was that
> "lousy double bazooka".
>
> 72/73,
> --W.D. (Doc) Lindsey
> DSBF
> PO Box 6028
> Bismarck, ND 58506
> (Shipping = DSBF, 2020 Lovett Ave, Bismarck, ND, 58504)
> E-Mail = K0EVZ@arrl.net

Date: Sun, 23 Jul 2000 16:20:23 -0700

From: "Michael Connor" <mikec@primenet.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [75697] Re: Guitars, mandolin, fiddle, banjo, etc. at Ft. Tuthill
Message-ID: <00a401bff4fc\$94a63640\$2ac8a5ce@desktop>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hey, my kind of people.-) I'll bring mine.-)

Mike
NQ7K

Date: Sun, 23 Jul 2000 19:36:11 -0400
From: "KC1FB" <kc1fb@optonline.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [75698] FOX: Phooey! Another Fox too close?
Message-ID: <002601bff4fe\$c8ecdce0\$1600a8c0@tp760e>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Missed Al on Thursday, Long Island is just too close to CT. Thought I would have no problem with Ron, but only heard him four times at 119 using three different antennas, a CFZepp aimed at him at 60', a butternut Beam, and a Horizontal loop at about 40'. Only heard him on the Zepp...Oh well..there will be other Foxii.

Jim Francoeur KC1FB QRP-L #29
Norwalk, CT

Date: Sun, 23 Jul 2000 20:50:07 -0400
From: "Harry Hurst" <hhurst@delanet.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [75699] HB: filter caps & decoupling & wattmeters.
Message-ID: <000701bff509\$1d277860\$7650e2d8@upstairs>
MIME-Version: 1.0
Content-Type: text/plain;

charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

#1 Here's another question in my never-ending quest to be cheap:
Is it really necessary to use silver mica caps in our transmitter low-pass
filters? I'm sure that in theory, silver micas are better, but how much
better?

#2 I can't find any good info on designing decoupling circuits for
high-gain audio amps. It has to be in those books somewhere!

#3 The thread on wattmeters has been very interesting. Has anyone tried to
document how much those resistor dummy load-with-a-1N34A detector are off
on each band. Would it be possible to come up with a in-the-ballpark
multiplier for each band to improve the accuracy of a "standard" wattmeter
made from common parts?

Thanks!

WA3PTG
Harry (hap) Hurst
Wilmington DE

Date: Sun, 23 Jul 2000 18:30:05 -0700
From: "Bob Tellefsen" <n6wg@earthlink.net>
To: <qrp-1@Lehigh.EDU>
Subject: [75700] Fox Too Close?
Message-ID: <001001bff50e\$b266ebe0\$51ddfc9e@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I've seen a number of posts now about people thinking they are too close to
the fox to work him. Using the usual 20m antennas intended to reach out as
far as possible (and being as high as possible), they are probably right.

On 40m we use NVIS antennas for shorter haul work. Has anyone tried this on
20m to see if it would help for those short path fox contacts? We are
talking low antennas here, under a quarter wave (16-17 ft on 20m).

73, Bob N6WG

Date: Sun, 23 Jul 2000 21:34:00 EDT
From: Macstein@aol.com
To: qrp-l@lehigh.edu
Subject: [75701] Re: Fox Too Close?
Message-ID: <20.910c1f5.26acf708@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 07/23/100 8:28:57 PM EST, n6wg@earthlink.net writes:

> On 40m we use NVIS antennas for shorter haul work. Has anyone tried this on
> 20m to see if it would help for those short path fox contacts? We are
> talking low antennas here, under a quarter wave (16-17 ft on 20m).

Hi Bob, (and all)

I use one of these all the time (grin). I was just teasing Doc K0EVZ about having to make one to get Jim N0UR.

72 es "oo"
-MAC-
AF4PS
Odessa, FL "Home of the Infamous Attic Dipole"

QRP-L # 704, FISTS #5096, CC #754, NorCal #1998, Zombie #510, ARCI #9843,
AR QRP #257, HI QRP #83, Whiners #5, SOC #28, West FL QRP, ARS #751
Flying Pig QRP #-51 and various other annual \$15 commitments.

Date: Sun, 23 Jul 2000 21:53:03 EDT
From: ARDUJENSKI@aol.com
To: qrp-l@lehigh.edu
Subject: [75702] Index Lab Companion Owners
Message-ID: <65.761cce5.26acfb7f@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

This note is for the Index Lab QRP Companion owners only. (I understand that there are a very small group out there since only about 100 were manufactured)

I just wanted to pass on that I just had surgery done on mine by Stan K7SY.

Apparantly the original design is set so there is always a drain on the battery even when not in the tune position. In the tune spot it draws about 15 ma and in the OPERATE mode draws about 12ma. Minor surgery corrects this to where in OPR mode draw is zero. It involves rerouting of one of the resistors to ground.

So if you wonder why your COMPANION may have been pooping out on you this may be the reason why---Thanks Stan--Alan KB7MBI

Without going into details our good friend will be going in for major surgery of his own. Keep him in your prayers and thoughts. You can drop Stan a note at bg783@scn.org. (Best wishes Stan for a speedy recovery)

Date: Sun, 23 Jul 2000 21:55:32 -0400
From: John Wagner <john@neknetwork.com>
To: n6wg@earthlink.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [75703] Re: Fox Too Close?
Message-ID: <397BA214.909306DD@neknetwork.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hmmm, I should have thought of that when Al over in NY was da fox. I wonder about receiving though, I couldn't hear him at all except very, very, very briefly - and I *think* it was him, I'm not 100% sure!

73,

John, KB1ENS

Bob Tellefsen wrote:

>
> I've seen a number of posts now about people thinking they are too close to
> the fox to work him. Using the usual 20m antennas intended to reach out as
> far as possible (and being as high as possible), they are probably right.
>
> On 40m we use NVIS antennas for shorter haul work. Has anyone tried this on
> 20m to see if it would help for those short path fox contacts? We are
> talking low antennas here, under a quarter wave (16-17 ft on 20m).
>
> 73, Bob N6WG

--
John Wagner - john@neknetwork.com
Web page: <http://www.neknetwork.com>

Personal Web page: <http://www.together.net/~jwag>

Date: Sun, 23 Jul 2000 22:20:35 -0400
From: John Wagner <john@neknetwork.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [75704] Re: ANT: QRP use of the Double Bazooka
Message-ID: <397BA7F3.725AED5C@neknetwork.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I agree about the simplicity of the dipole. My first (and second, and fourth and fifth) antennas were dipoles. I like dipoles, they work, they forgive bad installations and they're easy to hang. They're also easy to take down and put away.

I can't comment on the long term care and feeding of a bazooka, I've had mine about two days. Mine isn't mounted permanently and will be coming down soon (should have been tonight).

As I mentioned before, I fastened a bit (8 inches?) of nylon line over each joint and made a stress relief - I'm hoping this will help. There is a company called IaC the offers a commercial version of the antenna and in their literature they mention that they've solved the reliability problems, or addressed it at least.

As with all things, your mileage may vary. I would urge folks interested in this (or any) wire antenna to just make one, put it up and compare. In my opinion, on the air performance means more than what the computer model says.

73,

John, KB1ENS

Dave Benham wrote:

>
> I had a bazooka once, cut for 80M. It worked great most of the time, but
> over time the "joints" began to fail and it became problematic to use.
>
> A couple other negatives about a bazooka:
>
> Others have already pointed out the bulk disadvantage.
>
> What I think is a major reliability issue is what I call the joints, where
> the inner and outer conductors of the coax criss-cross over for the next

> leg. First, the more joints you have, the worse the overall reliability of
> the antenna is over time. And, if the experimenter isn't a good solderer
> (these joints are no fun) they can become a mess, as well as an impedance
> bump I imagine. A dipole on the other hand is just straight wire and
> doesn't have these reliability issues. You can't get much simpler than a
> dipole.
>
> Just food for thought.
>
> Dave K8TRF

--

John Wagner - john@neknetwork.com
Web page: <http://www.neknetwork.com>
Personal Web page: <http://www.together.net/~jwag>

Date: Sun, 23 Jul 2000 22:39:57 -0400
From: John Wagner <john@neknetwork.com>
To: Thomas Kuehl <ac7a@gci-net.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [75705] Re: ANT: QRP use of the Double Bazooka
Message-ID: <397BAC7D.CA69E215@neknetwork.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Thomas,

Thanks for your thoughts, much appreciated.

First off, I hope (and doubt) nobody will pull down their dipole and hang up a double bazooka because I said it works better for me. I would hope folks will build the antenna and try it for themselves. I usually try a new design because of an article I've read or someone recommends it. I wouldn't have tried a loop until I saw an article in QRP Homebrewer about one and it piqued my interest.

The double bazooka? Well, it's fox season and I like to be well armed - what an appropriately named weapon for baggin' a fox! OK, all kidding aside...

There are physical differences between the double bazooka and a dipole. So I disagree there isn't any reason it would perform better - it's physically different, it performs differently. I would also say that the definition of "somewhat better bandwidth" should be quantified; the double bazooka allows operation across the entire 20m band without a

tuner. The 80m version is reported to allow operation across the entire 75m/80m band - what thickness of wire dipole would it take to do that?

What I found during the day today is that my dipole seemed to hear better. Last night this wasn't the case. I'm guessing that the location of the stations I was hearing and the physical location of my two antennas makes quite a bit of difference. And I find that the double bazooka is getting better reports for transmitting. I'm also having people come back to me with 5 watts A LOT more than when using the 3/2 wave dipole. Maybe it would be different with a 1/2 wave dipole - trust me, I'll find out!

Thanks again, 73,

John, KB1ENS

Thomas Kuehl wrote:

>
> Hello John,
>
> It is always exciting when a newly installed antenna plays well for us. In
> your particular case, the coaxial dipole, better known as the
> Double-Bazooka, appears to be one of those. But before everyone goes out and
> pulls down their dipoles to replace them with a Double-Bazooka, it should be
> noted that there really isn't any reason why it out performs the simple
> dipole: They are both dipole antennas. In fact, Frank With, AI1H, found that
> the Double-Bazooka had higher resistive losses than the ordinary dipole, and
> that should actually result in a lower signal strength (the difference would
> likely be imperceptible on the receiving end). Any improvement in signal
> strength can only be attributed to another factor such as antenna's physical
> placement (orientation, height, proximity to other structures) resulting in
> an angle of radiation, or gain pattern, that favors the receiving station.
>
> The Double-Bazooka has been found to exhibit somewhat better bandwidth than
> a dipole constructed from a single, small- gauge wire. Walt Maxwell, W2DU,
> published an extensive analysis of the Double-Bazooka in the "Technical
> Correspondence" column, in September 1976, QST (It is also published in
> Chapter 18, of his 1990 book, "Reflections - Transmission Lines and
> Antennas"). In a nutshell, the analysis shows that the claimed reactive
> cancellation afforded by the coaxial stubs is not sufficient to explain the
> broadband characteristic of the antenna. The improved bandwidth is due to
> the increased radiator thickness associated with using coaxial cable
> (reduced length-to-diameter ratio) as the radiator element; and
> unfortunately the aforementioned resistive losses. The key to improved
> dipole bandwidth is reducing the antennas physical length-to-diameter ratio
> (L/D) and this easily accomplished by using two or more, parallel
> conductors, spaced a few inches or feet apart. One article on antenna of
> this design is titled "Fat Dipoles" and was published in the ARRL's Antenna

> Compendium - Volume 2. Reactance cancellation networks placed across the
> feedpoint afford some bandwidth extension as well.
>
> I applaud your efforts, especially as a new ham, to experiment with your
> antennas and improve your station's performance. If this antenna is
> providing you with better overall performance by all means continue to use
> it, but it would be worthwhile making an effort to understand why your
> ordinary dipole is providing less signal strength.
>
> Best Regards, Thomas - AC7A (Tucson)
>

--

John Wagner - john@neknetwork.com
Web page: <http://www.neknetwork.com>
Personal Web page: <http://www.together.net/~jwag>

Date: Sun, 23 Jul 2000 20:44:07 -0600
From: jaywa5whn@juno.com
To: qrp-l@lehigh.edu
Subject: [75706] Ft. Tuthill & I-40
Message-ID: <20000723.204550.-926053.0.jaywa5whn@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

My Wife, WB5L YJ & I usually head west on Friday. What amazes us is the number of 5th wheelers with Amateur Radio Call plates that we can see heading west on I-40 towards Ft. Tuthill, AZ. Last year's attendance was greater than 6,000 people, according to ARCA.

While mobile, I will normally leave the dual bander on 446.0/146.52 simplex 4 wheeling towards Flagstaff. As I approach a vehicle with call plates, I will call. About 90% of the time, they are monitoring .52. I had even worked a railroad mobile last year on .52 just outside of Holbrook, AZ. Guess where their destination was?

<http://www.kobtv.com/big-i/>

For those passing through Albuquerque on I-40, the intersection of I-40 & I-25 is under destruction. Check the above url for detour maps & routes.

So, when will the Ft. Tuthill QRP receipe & song book be released?

4 days left...

...Jay, WA5WHN DM65qd

Albuquerque, NM USA

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<http://dl.www.juno.com/get/tagj>.

Date: Sun, 23 Jul 2000 16:08:02 -0500
From: Steve Muncy <listsubs@sintezo.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [75707] Re: Reading while operating CW
Message-ID: <p04320402b5a10e873362@[207.170.107.178]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii" ; format="flowed"

On 7/23/00, Jim Durkin wrote:

>Photo on page 31 of Aug QST shows a fellow reading
>while operating CW. Did they mean this for the April 1
>issue?

The ham who taught me Morse back in 1966 could read the newspaper and transcribe cw at 40 wpm on a typewriter with near 100 percent accuracy. I saw him do it many times. Although I don't recall him SENDING cw while reading, I wouldn't be surprised if he could....

--

Steve Muncy, NI5V <mailto:smuncy@sintezo.com>
Dallas, TX <<http://www.sintezo.com/smuncy/>>
QRP-ARCI #10330 QRP-L #2191 FISTS # 7412

Date: Sun, 23 Jul 2000 23:50:29 EDT
From: BenNW7DX@aol.com
To: qrp-l@lehigh.edu

Subject: [75708] Re: Reading while operating CW
Message-ID: <a5.900390b.26ad1705@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hi Jim,

I don't know if this is the same case, but many times when I'm operating a contest in the wee hours of the night just calling CQ, I read magazines, ham books, etc. to keep me awake. After hearing yourself call CQ over, and over, and over, and over again, pretty soon it is almost like you're not thinking and the hands are sending by themselves (unless of course you're using a computer and just have to press a single button). I know sometimes when I'm in QSO with someone and turn it over back to them, when I send my callsign, I don't really think about it - it comes right out from the hands... maybe thsi has happened to you as well. It is at that point when you can concentrate on other things besides the CQ, such as a magazine or book.

I hope this helps a bit.
72,
Ben - NW7DX

In a message dated 00-07-23 15:20:47 EDT, you write:

<< Photo on page 31 of Aug QST shows a fellow reading while operating CW. Did they mean this for the April 1 issue?
73
Jim kt4a >>

Date: Mon, 24 Jul 2000 00:05:06 -0400
From: Pete Burbank <plburbank@kih.net>
To: <qrp-1@lehigh.EDU>
Subject: [75709] Fox hunt #6
Message-ID: <3.0.32.20000724000502.009e4f58@kih.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Today was a great adventure. Had to work on the riverboat "Dixie Belle" out of Shaker landing...Pleasant Hill, Ky at the start of the foxhunt(I'm one of the Pilots) due to USCG Regs and large passenger count. After the one hour trip I jumped in the car and headed up the landing road to the top of the hill where one can see for miles and quickly set up the NC-20 and 2 - 1/4 verticals fed 90 degrees

apart. One hour to grab the fox but nothing.....no fox and didn't hear a single hound. The Propagation fairy did not smile on me. The day was not a total loss however as (think) I nabbed the Smite Dan N4ROA on 80 meters ...one of those ESP contacts after returning home and retuning the 50' vertical base loaded with one of those variable L's from a BC-610. So just as "A smile is as good as a wink" (Rolling Stones), a Smite is as good as a Fox (old Hawg).
73 to All Pete NV4V

Date: Sun, 23 Jul 2000 15:51:44 -0500
From: Charles K Brown <n4so@juno.com>
To: qrp-l@lehigh.edu
Subject: [75710] QST INDEX
Message-ID: <20000723.233646.14534.1.n4so@juno.com>

search.txt
The 1989 to 1999 QST Indexes are free from ARRL Info Server
E-mail to: info@arrl.org
Format is-

send QST_INDX.99
quit

These are text files and I placed them in a subdirectory called QSTINDEX.
To search, one method is to use the MS-DOS Editor ver. 2.0.

This consists of edit.com, edit.hlp, qbasic.exe, qbasic.hlp and qbasic.ini. I placed these files with the QST Index files. The DOS command to search an index is edit Index-filename

To do a search click on Search
Then Find.....
Enter in a complete search word like Heath
All instances of Heath or Heathkit will pop up and are highlighted by hitting F3.

#QST INDEXES

QST_INDX.89	42k 960510 Index of QST for 1989
QST_INDX.90	51k 950410 Index of QST for 1990
QST_INDX.91	50k 950410 Index of QST for 1991

QST_INDX.92	50k 950410	Index of QST for 1992
QST_INDX.93	55k 950410	Index of QST for 1993
QST_INDX.94	54k 950410	Index of QST for 1994
QST_INDX.95	57k 951114	Index of QST for 1995
QST_INDX.96	52k 961120	Index of QST for 1996
QST_INDX.97	55k 980330	Index of QST for 1997
QST_INDX.98	59k 990112	Index of QST for 1998
QST_INDX.99	41k 000313	Index of QST for 1999

#QEX INDEXES AND ARTICLE FILES

QEX_INDX.82	8k 970723	Index of QEX for 1982
QEX_INDX.83	6k 970723	Index of QEX for 1983
QEX_INDX.84	7k 970723	Index of QEX for 1984
QEX_INDX.85	8k 970723	Index of QEX for 1985
QEX_INDX.86	9k 970723	Index of QEX for 1986
QEX_INDX.87	9k 970723	Index of QEX for 1987
QEX_INDX.88	16k 950410	Index of QEX from 03/88-02/90
QEX_INDX.90	11k 950410	Index of QEX from 03/90-02/91
QEX_INDX.91	10k 950410	Index of QEX from 03/91-02/92
QEX_INDX.92	9k 950410	Index of QEX from 03/92-02/93
QEX_INDX.93	4k 950410	Index of QEX from 03/93-12/93
QEX_INDX.94	6k 950410	Index of QEX from 01/94-12/94
QEX_INDX.95	4k 960129	Index of QEX from 01/95-12/95
QEX_INDX.96	5k 970404	Index of QEX from 01/96-12/96
QEX_INDX.97	2k 980330	Index of QEX from 01/97-12/97
QEX_INDX.98	5k 990119	Index of QEX from 01/98-12/98
QEX_INDX.99	8k 000313	Index of QEX from 01/99-12/99
32864C.PS	55k 950410	10-GHz preamp PCB layout QEX 12/92

(Postscript),

Ken Brown N4SO
 Mobile, AL EM50tk
 NorCal 20 at 5 watts
 4 element mono. yagi

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<http://dl.www.juno.com/get/tagj>.

 Date: Sun, 23 Jul 2000 23:03:37 -0600

From: Niels Jensen Kristjansson <nkristja@cadvision.com>
To: qrp-1@Lehigh.EDU
Cc: qrp-canada@lists.gpfn.sk.ca
Subject: [75711] Am I the only one hearing this?
Message-ID: <1.5.4.16.20000723225547.1a9702c4@cadvision.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi gang,

For the past three days I have been hearing dits on 14.008, this has been continous and as far as I can tell coming from NNW. It is not local due to the QSB on the signal. Does anyone else hear this?

73 de Niels
VE6NJK/TF3NJ

Calgary, AB
CANADA

Date: Mon, 24 Jul 2000 02:34:28 EDT
From: BenNW7DX@aol.com
To: qrp-1@lehigh.edu
Subject: [75712] Re: Am I the only one hearing this?
Message-ID: <99.7fdd4ad.26ad3d74@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hello Niels,

I too have been hearing the continuous dits on 14.008 all this weekend. I sure hope the OM finds out soon and corrects his sticky paddles. It has been pretty loud here in WA but like you, I have noticed the QSB so for sure it is not local. As I am typing this (around 11:30pm pacific time), the signal is 559!

72,
Ben - NW7DX
Redmond, WA

In a message dated 00-07-24 01:04:45 EDT, you write:

<< Hi gang,

For the past three days I have been hearing dits on 14.008, this has been continuous and as far as I can tell coming from NNW. It is not local due to the QSB on the signal. Does anyone else hear this?

73 de Niels
VE6NJK/TF3NJ

Calgary, AB >>

Date: Mon, 24 Jul 2000 02:42:56 EDT
From: AdamN7YA@aol.com
To: qrp-l@lehigh.edu
Subject: [75713] Re: Am I the only one hearing this?
Message-ID: <6d.6f22c59.26ad3f70@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 7/23/2000 10:04:55 PM Pacific Daylight Time,
nkristja@cadvision.com writes:

<< For the past three days I have been hearing dits on 14.008, this has been continuous and as far as I can tell coming from NNW. It is not local due to the QSB on the signal. Does anyone else hear this? >>

I heard it on friday...i DONT want to see that guys finals when he realizes the kids got into the shack! actually i dont want to see what he does to the kids finals! hihi.

73...Adam, N7YA
QRP-L 1608, SOC 143
Flying Pig #86
DXer...cant help it!
CW Spoken Here . .

Date: Mon, 24 Jul 2000 18:50:29 +1000
From: "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [75714] Re: Reading while operating CW
Message-ID: <397C0355.5CEEFCEE@integritynet.com.au>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Steve Muncy wrote:

> >Photo on page 31 of Aug QST shows a fellow reading >while operating
> CW. Did they mean this for the April 1 >issue?

Steve and others,

I remember my Dad, a professional operator who retired from the Air force with previous experience as a PMG telegraphist (your Bell, ITT or whatever) and at that time a Postmaster, in 1956, collecting the local mail from the nearest postal depot in the early am and the duty operators finding reasons to go to the "john" and asking Dad to temporarily and unofficially relieve them on the key.

They would watch, and I'm sure they contrived it, to ensure the old boy sent telegrams with the key, received and simultaneously wrote out received telegrams.

That is true, I saw money change hands behind the scenes. Before he died in 1989 at 87 yrs he always told me his only regret (Dad and I were the only ham rat bags <G> in the family) was he never "officially" broke 60 wpm but a few old Naval colleagues he didn't particularly care for, had achieved that goal back in 1928.

Perhaps, and I'd believe it, in the picture the person reading was merely transcribing the news via cw.

72/73's

Ian Purdie Budgewoi N.S.W. Australia - Co-ords 33o:14' S 151o:34' E
My FREE Newsletter:- <mailto:vk2tip@qsl.net?Subject=Subscribe>
VK2TIP "I'll give ya the TIP mate" QRP-L #1978. SOC #171 FP#91
URL - <http://www.electronics-tutorials.com/>

Date: Mon, 24 Jul 2000 07:24:25 -0400
From: Jerry Albertin <kg2jff@juno.com>
To: qrp-l@lehigh.edu
Subject: [75715] FS: MFJ rigs (loaded)
Message-ID: <20000724.072428.-123965.0.kg2jff@juno.com>
MIME-Version: 1.0
Content-Type: text/plain

Content-Transfer-Encoding: 7bit

The time has come to clean out the shack so I'm offering the following:

MFJ 9040 with MFJ 726 narrow audio filter and MFJ 451 keyboard keyer.
This rig is in excellent condition and works FB. You will need to supply
the keyboard as it would be less expensive than to ship the one I used.
\$185.00

MFJ 9030 with the MFJ 412 curtis keyer and Emtech audio filter installed
\$150.00

This rig is also in excellent condition and works FB.

Prices do not include shipping from 12010. Interested parties please
email me direct.

Jerry.....kg2jf@juno.com

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<http://dl.www.juno.com/get/tagj>.

Date: Mon, 24 Jul 2000 08:16:27 -0400

From: "Lau, Zack, W1VT" <z1au@arrl.org>

To: "'qrp-l@Lehigh.EDU'" <qrp-l@Lehigh.EDU>

Subject: [75716] Re: HB: filter caps

Message-ID: <125490A005E3D3118C9C00805FC743CC8D9B80@mail.arrl.org>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

I've found that porcelain chip capacitors are actually the best capacitors
I've used for low pass filters.

Not only is the Q higher, but the low lead inductance improves the stopband
response considerably.

--Zack W1VT

Date: Mon, 24 Jul 2000 09:26:57 -0400

From: "Hare, Ed, W1RFI" <w1rfi@arrl.org>

To: "'ki6ds@hotmail.com'" <ki6ds@hotmail.com>, Low Power Amateur Radio Discussion
<qrp-l@Lehigh.EDU>

Subject: [75717] RE: Guitars, mandolin, fiddle, banjo, etc. at Ft. Tuthill

Message-ID: <125490A005E3D3118C9C00805FC743CCB2C10A@mail.arrl.org>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Bummer that I won't be there this year! (I gave 'em a bit of what-for for not sending me, but I have asked Dan Miller, K3UFG, to stop by the QRP activities.) If I can get there next year, I can bring my 64 Fender Statocaster. Let's just say that it is NOT QRP and let it go at that. :-)

I have always wanted to put together an ARRL HQ "Rock Band." If we ever do, I will ask Wayne Green if he plays an instrument. If so, we can invite him to join us. The name of the band would be, of course, "In League With the Devil." :-)

THIS IS A JOKE! :-)

73,
Ed Hare, W1RFI

> -----Original Message-----
> From: Doug Hendricks [mailto:ki6ds@hotmail.com]
> Sent: Sunday, July 23, 2000 7:03 PM
> To: Low Power Amateur Radio Discussion
> Subject: Guitars, mandolin, fiddle, banjo, etc. at Ft. Tuthill
>
>
> Guys, if you play an acoustic instrument, bring it along with
> you to Ft.
> Tuthill. Dave Benson will be there (he plays guitar very
> well), Bob Okas is
> bringing his mandolin and guitar, and I will have my new 12
> string with me.
> We plan on having some fun. All are welcome to join. Don't
> know what this
> has to do with qrp, but wanted to get the word out. See you
> in AZ this
> weekend. 72, Doug
>
> -----
> -----
> Get Your Private, Free E-mail from MSN Hotmail at
<http://www.hotmail.com>

Date: Mon, 24 Jul 2000 09:44:37 -0400
From: Al Patrick <apatrick@inet4u.com>
To: nkristja@cadvision.com

Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [75718] Re: Am I the only one hearing this?
Message-ID: <397C4845.423F284D@inet4u.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I just tuned over there and had a continuous tone, but it was very loud and clear here in North Carolina.

Al

Niels Jensen Kristjansson wrote:

> Hi gang,
>
> For the past three days I have been hearing dits on 14.008, this has been
> continous and as far as I can tell coming from NNW. It is not local due
> to the QSB on the signal. Does anyone else hear this?
>
> 73 de Niels
> VE6NJK/TF3NJ
>
> Calgary, AB
> CANADA

Date: Mon, 24 Jul 2000 09:44:08 EDT
From: W1R0@aol.com
To: nkristja@cadvision.com, qrp-l@lehigh.edu
Subject: [75719] Re: Am I the only one hearing this?
Message-ID: <97.886fbcd.26ada228@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hear it here in Las Vegas, NV. Can't get a good bearing on it yet with my beam. It is to light to move an S meter on either rig.

73

Jim

W1R0/7

Date: Mon, 24 Jul 2000 09:51:56 EDT
From: W1R0@aol.com

To: qrp-1@lehigh.edu
Subject: [75720] re: 14008
Message-ID: <ba.8937a4e.26ada3fc@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Dits appear to be north of Las Vegas, NV. Anyone else get a bearing on it?
Jim
W1R0/7

Date: Mon, 24 Jul 2000 14:06:11 +0000 (GMT)
From: "Geoff QRP-L mailing list" <geoffqrp@wormhole2.com>
To: <W1R0@aol.com>
Cc: "Low Power Amateur Radio Discussion " <qrp-1@Lehigh.EDU>
Subject: [75721] re: 14008
Message-ID: <96444757113878-24100613878geoffqrp@wormhole2.com>

On Mon, 24 Jul 2000 W1R0@aol.com wrote:
> Dits appear to be north of Las Vegas, NV. Anyone else get a bearing on it?
> Jim
> W1R0/7
>

Seems to be due west from here in northern Vermont.

Geoffrey E. Sachse
Lyndonville VT
geoff@wormhole2.com
kb1dsq@arrl.net
www.wormhole2.com
KB1DSQ

Date: Mon, 24 Jul 2000 07:22:44 -0700
From: "Steve McDonald" <jsm@gulfislands.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [75722] Re: 14008
Message-ID: <002001bff57a\$a4f68da0\$6911f4cc@jms>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

S-SE from VE7SL (CN88)

Date: Mon, 24 Jul 2000 09:17:37 -0500
From: "Cla KA0GKC" <ka0gkc@arrl.net>
To: <ki6ds@hotmail.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [75723] Re: Guitars, mandolin, fiddle, banjo, etc. at Ft. Tuthill
Message-ID: <034a01bff57a\$6626d760\$0200000a@mcg.net>

Darn, I'd love to bring my guitar but I'm flying (on a jet!) there and I think I'll have enough stuff already. If it looks like I can bring it, I will.
Looking forward to a very eventful weekend. :-)

73 de Cla KA0GKC
----- Original Message -----
From: "Doug Hendricks" <ki6ds@hotmail.com>

| Guys, if you play an acoustic instrument, bring it along with you to Ft.
| Tuthill.

Date: Mon, 24 Jul 2000 07:32:06 -0700 (PDT)
From: "James C. Owen, III" <k4cgy_list@yahoo.com>
To: nkristja@cadvision.com, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [75724] Re: Am I the only one hearing this?
Message-ID: <20000724143206.14928.qmail@web1605.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

--- Niels Jensen Kristjansson <nkristja@cadvision.com> wrote:
>
> Hi gang,
>
> For the past three days I have been hearing dits on 14.008,
> this has been
> continuous and as far as I can tell coming from NNW. It is not
> local due
> to the QSB on the signal. Does anyone else hear this?
>
Hi Niels,
I hear it here in Maryland about 579 at 1430Z July 24,2000. It

sounds like a book laid on a dot paddle. I'll check again later today. I can't tell the direction with only a dipole.

72 Jim K4CGY qrp-l #72

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<http://mail.yahoo.com/>

Date: Mon, 24 Jul 2000 07:44:48 -0700
From: Phil Wheeler <w7ox@earthlink.net>
To: QRP List <qrp-l@lehigh.edu>
Subject: [75725] BLT Mechanics
Message-ID: <397C5660.D5DEABF1@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I'm just starting my BLT. In assembling the side rails to the bottom plate, it is unclear to me whether the rail goes outside the bottom plate (flush with the bottom of the bottom plate) or sits on top of the bottom plate.

Any help appreciated!

Phil, W7OX

Date: Mon, 24 Jul 2000 07:48:08 -0700
From: Howard Myers <howardw7ilw@cableone.net>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [75726] Fox #6
Message-ID: <B5A1A538.16AC%howardw7ilw@cableone.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

No Fox today even though some sigs were 30 to 40 over (lighting - crashes)!!
Now I'm in the group of 5 out of 6.

Howard - W7ILW - Prescott, AZ

Date: Mon, 24 Jul 2000 10:48:30 -0400
From: Nils R Young <nilsbull@juno.com>
To: clofgren@BENSON.MCKENNA.EDU, QRP-L@lehigh.edu
Subject: [75727] More stuff about Z-match winding stuff
Message-ID: <20000724.104835.-289467.0.nilsbull@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Gang,

I got a nice note from Charlie Lofgren in response to my posting about further travails & experiments with my home brew version of the Z-match tuner. You may remember that I found considerable loss in receive signals above 10 MHz with the output winding wound on the bare part of the toroid opposite the input/tune winding. And that I got excellent results with less loss by winding the output link across and interwound with the windings at the center of the input/tune winding of the toroid where the two taps are.

Now, further stupidities cause me to mention this as well. With some background for reference purposes (like you used to hear from time to time on SW "This is a transmission for circuit adjustment purposes of a transmitter owned and operated by Cable & Wireless Limited, Barbados.")

My antenna system is 75 ft of fairly reliable but used 50 Ohm ethernet hose to a home-brew switching cabinet on a shelf in the shed that used to be the ham shack and which prior to that was an outhouse. The switching cabinet allows me to remotely hose the end of the ethernet hose to a vertical made from a discarded CB vertical, or wire antenna that almost might be symmetrical, 'cept it looks more like one of them "off-center" fed Windoms, 25 ft at the highest point.

Using either of these antennas & tuning them from the opposite end of the ethernet hose works pretty well, most of the time on most frequencies. The Z-match at this point is set up with one side of the output link grounded and the output of the tuner going to the 75 ft of ethernet hose. It tunes from 80 through 10m, with one exception.

With either the wire or the vertical antenna, I cannot resolve 40m SWR unless I

1. Disable the link between one side of the output winding and chassis ground
2. Put a 430 pf capacitor between the normally grounded end of the output winding and ground.

Doing this allows me to tune 40m with no problems, no arcing, no signal

loss on receive (and probably not on transmit, providing there is some nominal reciprocity between receive & transmit conditions). Very strange. I've had a couple Qs on 40 SSB with this set up & so far so good.

What's weird beyond that is this: leaving the 430 pf cap in place (and with the output link not linked to ground as for 40m explained above), when I tune up on 17m, the capacitor gets hot. I mean like visibly, tactilly warmer. And . . here's the weirdest part . . . when I put the link back in but leave the capacitor in place, the cap still gets hot.

So far I ain't killed no radios with this, but it sure does make me wonder.

73

Nils

. . . some day I'm gonna check in with the KP4 gang on 40 just to make myself seem all the more stupid a gringo . . .

Nils R. Bull Young -- El Gringo Errante -- La Estancia de los Guajolotes Sonrientes

<http://www6.50megs.com/w8ijn> -- W8IJN -- <http://members.xoom.com/nilsbull>

In my day you had to FIGHT to have digits! Every DAY was a STRUGGLE!

--- Comrade Nikolai Sergeevich McTovarishov

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<http://dl.www.juno.com/get/tagj>.

Date: Mon, 24 Jul 2000 10:55:03 -0400

From: david fouchey <dafouchey@home.com>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [75728] Re: BLT Mechanics

Message-ID: <397C58C7.ECA4966A@home.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

First you brown the Bacon, slice the Tomato, wash and dry the Lettuce then toast your choice of bread...

Oops wrong BLT...

(sorry for the off topic spam...)

Dave
WA4EMR/8

Phil Wheeler wrote:

>
> I'm just starting my BLT. In assembling the side rails to the bottom
> plate, it is unclear to me whether the rail goes outside the bottom
> plate (flush with the bottom of the bottom plate) or sits on top of the
> bottom plate.
>
> Any help appreciated!
>
> Phil, W70X

Date: Mon, 24 Jul 2000 11:09:07 -0400
From: david fouchey <dafouchey@home.com>
To: nkristja@cadvision.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [75729] Re: Am I the only one hearing this?
Message-ID: <397C5C13.BD104B1D@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

No you are not alone, coming in here in South Eastern Michigan solid
copy around S6 or so on my dipole, no idea the direction however...
(11:00 AM EDT)

Dave
WA4EMR/8

Niels Jensen Kristjansson wrote:

>
> Hi gang,
>
> For the past three days I have been hearing dits on 14.008, this has been
> continuous and as far as I can tell coming from NNW. It is not local due
> to the QSB on the signal. Does anyone else hear this?
>
> 73 de Niels
> VE6NJK/TF3NJ
>
> Calgary, AB
> CANADA

Date: Mon, 24 Jul 2000 11:14:43 -0400
From: John Wagner <john@neknetwork.com>
To: howardw7ilw@cableone.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [75730] Re: Fox #6
Message-ID: <397C5D63.88A9CE97@neknetwork.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Sheesh, don't feel bad Howard; I'm 1 for 6 and had to make a new antenna just to get that!

I'm really bummed about missing the next two hunts... starting to think of ways I can conjure up a portable 20m rig and slip away for an hour on those days...

Obsessed? Nah!

73,

John, KB1ENS

Howard Myers wrote:

>
> No Fox today even though some sigs were 30 to 40 over (lighting - crashes)!!
> Now I'm in the group of 5 out of 6.
>
> Howard - W7ILW - Prescott, AZ

--
John Wagner - john@neknetwork.com
Web page: <http://www.neknetwork.com>
Personal Web page: <http://www.together.net/~jwag>

Date: Mon, 24 Jul 2000 11:30:12 US/Eastern
From: n2cx@voicenet.com
To: w7ox@earthlink.net
Cc: qrp-1@lehigh.edu
Subject: [75731] Re: BLT Mechanics
Message-ID: <200007241528.LAA277342@nss4.cc.lehigh.edu>

Phil,

The side rails sit on top of the bottom plate between the front and rear panels. That way they are hidden from view. In general the box was designed to hide seams from view as much as possible.

Joe E.

You queried:

I'm just starting my BLT. In assembling the side rails to the bottom plate, it is unclear to me whether the rail goes outside the bottom plate (flush with the bottom of the bottom plate) or sits on top of the bottom plate.

Any help appreciated!

Phil,
W7OX

This message was sent using Voicenet WebMail.
<http://www.voicenet.com/webmail/>

Date: Mon, 24 Jul 2000 10:39:43 -0500
From: Stuart Rohre <rohre@arlut.utexas.edu>
To: qrp-l@Lehigh.EDU
Subject: [75732] Re: QRP-L digest 1890
Message-ID: <397C633F.5F3659E2@arlut.utexas.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bill,
Aren't you picking at a simplification I was making so folks could VISUALIZE the antenna?

In fact, I have several well known antenna texts that speak to 5/8 dipoles, 3/4 wave dipoles, in fact nowhere could I find a dipole defined as ONLY a quarter wave legged antenna, although you and I are used to thinking of it as THE (1/2 wave overall) dipole.

Thanks for your opinion.
Yours is a more complete definition of the phased array, which was not what I was conveying---I wanted folks to see it simply.

72,
Stuart K5KVH

Date: Mon, 24 Jul 2000 15:40:32 GMT
From: "Tom Dufresne" <tdufres@hotmail.com>
To: qrp-1@Lehigh.EDU
Subject: [75733] Test-don't read!
Message-ID: <F901zG5tjbZF7z2sEVG00007818@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Get Your Private, Free E-mail from MSN Hotmail at <http://www.hotmail.com>

Date: Mon, 24 Jul 2000 08:46:53 -0800
From: Anthony Felino <anthony@pacinfosb.com>
To: david.sarrafa@paonline.com, qrp-1@lehigh.edu
Subject: [75734] lt1088
Message-ID: <Chameleon.964453736.anthony@anthony-400>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; CHARSET=ISO-8859-1

Dave,

The LT1088 is not a new part. I got mine as a sample about 5 years ago and I have never seen another. I don't think LT has ever made enough of them to go into distribution. Try getting a sample.

73, WN6Q

Anthony Felino, Pacific Information Design
email: anthony@pacinfosb.com
telephone: (805) 730 1565, x25
fax: (805) 730 1569
shipping address:
411 E. Canon Perdido, Ste. 16
Santa Barbara, CA 93101

Date: Mon, 24 Jul 2000 15:50:33 GMT
From: "Tom Dufresne" <tdufres@hotmail.com>
To: qrp-1@Lehigh.EDU
Subject: [75735] Probs with "Foxhunt"
Message-ID: <F107Ks8TAGUjGnAKYoo00000619@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Call me stupid, but could someone define a few terms for me?

1) What is a fox? (the person who is calling CQ, right?)
2) What is a hound? (the person who answers a fox call, right?)
2) Why do they call it a hunt? Sounds to me just like an average "call CQ and answer a call".... Why is it different?
Just wondered...

Tom
KC GXX

Get Your Private, Free E-mail from MSN Hotmail at <http://www.hotmail.com>

Date: Mon, 24 Jul 2000 11:52:57 -0400
From: "Brian" <brian@iquest.net>
To: <dafouchey@home.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [75736] Re: Am I the only one hearing this?
Message-ID: <000701bff587\$3ca1a5c0\$3d05080a@cincom.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I know what it is....

It's a W5YI code practice session.

----- Original Message -----

From: david fouchey <dafouchey@home.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Monday, July 24, 2000 11:09 AM
Subject: Re: Am I the only one hearing this?

> No you are not alone, coming in here in South Eastern Michigan solid
> copy around S6 or so on my dipole, no idea the direction however...
> (11:00 AM EDT)

>
> Dave
> WA4EMR/8
>
> Niels Jensen Kristjansson wrote:
> >
> > Hi gang,
> >
> > For the past three days I have been hearing dits on 14.008, this has
been
> > continous and as far as I can tell coming from NNW. It is not local due
> > to the QSB on the signal. Does anyone else hear this?
> >
> > 73 de Niels
> > VE6NJK/TF3NJ
> >
> > Calgary, AB
> > CANADA
>

Date: Mon, 24 Jul 2000 11:04:41 -0500
From: Stuart Rohre <rohrer@arlut.utexas.edu>
To: qrp-l@Lehigh.EDU
Subject: [75737] Re: Lazy H, I was conveying the word view of it
Message-ID: <397C6917.B76385E0@arlut.utexas.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Yes,

Bill has a more technical definition of the phased array known as the Lazy H. The old days hams thought of it as an array of end fed antennas, side by side, and one over the other.

Each side of the ladder line between the upper and lower part usually joins legs such as "5/8 wavelength for maximum gain". (Cebik, W4RNL on cebik.com)

However, visually, it is a dipole over a dipole. A dipole according to several antenna books, can have 5/8 legs, 3/4 wave legs, etc, as well as the conventional concept of most of us, of an antenna with 1/4 wave legs.

Dipole Antenna, a straight radiator usually fed at the center. (Dictionary of Electronics)

Di- (having two parts)

Hope the desire to describe it visually did not confuse anyone.

And to be perfectly clear, a Bi Square is not a loop, but a diamond open at top and bottom with sides longer than the conventional one wave length loop at the frequencies of interest.

72,

Stuart K5KVH

Date: Mon, 24 Jul 2000 09:02:50 -0700 (PDT)
From: ABCQRP <w6abc@yahoo.com>
To: nkristja@cadvision.com, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [75738] Re: Am I the only one hearing this?
Message-ID: <20000724160250.6399.qmail@web2104.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Hi,

Got the "Dits" coming in this morning at 1600Z at S-9+10 with the beam pointing at 150 degrees from Oakland, CA. That was the loudest reading. With the beam pointing to the North the signal was S-9.

73,

Jack W6ABC

Do You Yahoo!?
Get Yahoo! Mail Free email you can access from anywhere!
<http://mail.yahoo.com/>

Date: Mon, 24 Jul 2000 12:18:40 EDT
From: W1R0@aol.com
To: w6abc@yahoo.com, qrp-1@lehigh.edu
Subject: [75739] Re: Am I the only one hearing this? re: 14008
Message-ID: <11.6dede49.26adc660@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Wow! Using my bearing, along with KB1DSQ and VE7SL I was thinking this signal was in Idaho area. Now with W6ABC making 150 degrees out of Oakland, CA I'm lost. Anymore beam heading available out there? Maybe it is a mobile unit?

Jim

W1R0/7
Lost in Vegas

Date: Mon, 24 Jul 2000 10:19:32 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: Niels Jensen Kristjansson <nkristja@cadvision.com>
Cc: Low Power Group <qrp-l@LeHigh.EDU>, Multiple recipients of list QRP-CANADA <qrp-canada@lists.gpfn.sk.ca>
Subject: [75740] Re: Am I the only one hearing this?
Message-ID: <Pine.LNX.3.95.1000724101838.29441K-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I just swung my yagi around and it seems to be a little louder with my beam to the west.....

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - SOC #11 & #12 - Whiner#10 -
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

Date: Mon, 24 Jul 2000 12:24:11 -0400
From: John Wagner <john@neknetwork.com>
To: tdufres@hotmail.com, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [75741] Re: Probs with "Foxhunt"
Message-ID: <397C6DAB.33A7D56E@neknetwork.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Tom,

The fox is the one calling CQ.
The hounds answer by sending their call sign.
The fox acknowledges one hound.
All other hounds standby while the acknowledged hound sends his exchange.
The fox sends his exchange usually followed by TU or another CQ fox de CALLSIGN.
The hounds start howling (sending their call sign).

It's called a hunt because the fox can (and usually does) move around a bit. The fox can use rit and listen up or down from their calling freq. The goal is to figure out where the fox is going to listen next and be

there to snag da fox.

The pileups (which can be enormous) sound like a bunch of howling hounds. The hunt takes place over a period of two hours. To make your pelt count, you have to get the fox in that period and be running QRP or less.

It's challenging and fun. It has also helped me immensely with my CW, listening and operating skills.

See: <http://www.cqc.org/sfox/> for more info and a schedule.

73,

John, KB1ENS

Tom Dufresne wrote:

>
> Call me stupid, but could someone define a few terms for me?
> 1) What is a fox? (the person who is calling CQ, right?)
> 2) What is a hound? (the person who answers a fox call, right?)
> 2) Why do they call it a hunt? Sounds to me just like an average "call CQ
> and answer a call".... Why is it different?
> Just wondered...
> Tom
> KC GXX
>
> -----
> Get Your Private, Free E-mail from MSN Hotmail at <http://www.hotmail.com>

--

John Wagner - john@neknetwork.com

Web page: <http://www.neknetwork.com>

Personal Web page: <http://www.together.net/~jwag>

Date: Mon, 24 Jul 2000 12:26:52 EDT
From: ARDUJENSKI@aol.com
To: W1RO@aol.com, qrp-1@lehigh.edu
Subject: [75742] TRIANGULATION ON 14.060?
Message-ID: <15.6f4e47a.26adc84c@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I was wondering, aren't there hams set up to be able to triangulate on offenders in each area? Have they been notified? It seems with out this coordination there is a lot of wasted efforts here. Alan kb7mbi

Date: Mon, 24 Jul 2000 09:29:42 -0700
From: "Steve McDonald" <jsm@gulfislands.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [75743] Re: 14008
Message-ID: <001b01bfff58c\$6223c080\$6311f4cc@jms>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello Hollingsworth? VE7SL

Date: Mon, 24 Jul 2000 09:27:40 PDT
From: "laura halliday" <marsgal42@hotmail.com>
To: qrp-1@lehigh.edu
Subject: [75744] Re: OT: I have Linux, Now What...
Message-ID: <20000724162740.58360.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Keith WB2VUO asked:

>One of my brothers just gave me his copy of Red Hat Linux
>(Version 4.2) consisting of the CD-ROM and a 3.5" Floppy
>labeled "Supplemental Diskette"
>
>I have a spare computer here, and was thinking of installing
>the package, but the computer won't read or boot of the
>floppy...

Did you try booting off the CD? Many distributions come on
a bootable CD, saving all the hassles with floppies.

I've used Linux for years - as a Unix hack I've never had
any difficulty with it.

What can you do with it? My system has software for doing
PSK31 and packet with the sound card, decodes weather
satellite imagery (ditto), has applications for doing nice
documentation (drawings too - have a look at the PDFs on
<http://www.qsl.net/va3ldh/thesis.html>), tracks satellites,

talks to the Internet, records and plays various sound files (including MP3), and is almost too fast on a doorstop P233MMX system.

I don't worry too much about DOS or Windows emulation - if I really need to, I can boot Windows 95 through LILO. But I hardly ever do.

The ham applications of a cheap, high-performance OS with built-in networking that runs nicely on really crummy computers (I first used it on a 486/66) are obvious. I hope.

Laura Halliday VE7LDH "Que les nuages soient notre
Grid: CN89mg pied a terre..."
 - Hospital/Shafte

Get Your Private, Free E-mail from MSN Hotmail at <http://www.hotmail.com>

Date: Mon, 24 Jul 2000 12:30:44 EDT
From: W1R0@aol.com
To: ARDUJENSKI@aol.com, qrp-l@lehigh.edu
Subject: [75745] Re: TRIANGULATION ON 14.060?
Message-ID: <a2.78e1dcd.26adc934@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

No hams in the Vegas area other than myself and 1 ham that is into listening to Area51 frequencies.

73
Jim
W1R0/7

Date: Mon, 24 Jul 2000 09:51:46 -0700 (PDT)
From: Steve Yates <aa5tb@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [75746] ANT: The word "Dipole"
Message-ID: <20000724165146.9205.qmail@web3001.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

I have seen this discussion regarding the interpretation of "dipole" several times. The true

meaning seems to depend on what side of the fence you are on. I thought I would add my two cents worth.

>From most ham's perspectives "dipole" means having two parts or legs. From an electromagnetics point of view "dipole" means having two electric (or magnetic) poles, like a dipole magnet. A resonant or shorter dipole will have two opposite electric "poles". An antenna longer than a halfwave length will have more than two electric "poles" and is no longer a "dipole" in the electromagnetics world.

I tend to side with the electromagnetics view point in that an antenna 1/2 wavelength or shorter is a dipole and anything longer is something else, like a doublet (center fed), long wire, two 1/2 waves in phase, or something like that. Also, in this interpretation an end-fed halfwave is still a "dipole", which makes a lot more sense to me.

I think as long as the electrical length is specified you can call it whatever you want and everyone should understand what you are talking about.

=====

73,

Steve Yates - AA5TB

Fort Worth, TX - EM12gs

<http://www.geocities.com/aa5tb>

aa5tb@arrl.net

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<http://mail.yahoo.com/>

Date: Mon, 24 Jul 2000 10:45:39 -0700

From: "W7TRX" <w7trx@mindspring.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [75747] Re: Am I the only one hearing this?

Message-ID: <007601bff597\$d8d0e9a0\$d42179a5@fkxug>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

----- Original Message -----

From: ABCQRP <w6abc@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Monday, July 24, 2000 9:02 AM
Subject: Re: Am I the only one hearing this?

Greetings,

Currently I only have access to a 6m beam. The signal is weak up here near Seattle, on this antenna. I question the directionality of a 6m beam at 14 MHz. The signal can be heard from many headings, but seems to peak up between 120 and 130 degrees.

Fox hunt time? Release the hounds!!!

73, TR
W7TRX

Date: Mon, 24 Jul 2000 14:09:59 EDT
From: ARDUJENSKI@aol.com
To: qrp-l@lehigh.edu
Subject: [75748] Interference on 14.008 and FCC
Message-ID: <c6.85efb1e.26ade077@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I can only pass on at this time the FCC has been involved and has narrowed down the source--alan kb7mbi

Date: Mon, 24 Jul 2000 11:43:31 -0700
From: Radman <radman@best.com>
To: "'Low Power Amateur Radio Discussion'" <qrp-l@Lehigh.EDU>
Subject: [75749] FS: Rainbow, Freq Count, SWR/Prw mtr...
Message-ID: <01BFF564.68507020@radman.vip.best.com>

Gang,

FS - some nice goodies surplus to my needs:

1.) The famous NJQRP Rainbow tuner unbuilt (original bag - unopened) AND... the (unbuilt) ultra-cool Doug Hauff anodized/engraved aluminum enclosure (6061 AL - black with white engraved lettering.) Doug's hardware, etc is included with the enclosure. I have ~ \$53 invested in these two items and will ship them to you for that amount - all original. Note: you'll need a copy of the Rainbow Manual - available thru NJQRP - URL: <http://www.njqrp.org/> (numerous app notes & tweaks are there as well !)

2.) Radio Shack Freq Counter -- #22-305 - new in box, but discontinued. I bought this as a spare on close-out, but never needed it. It's in the original RS box, RS blister wrap, RS Silica Gel Pack & includes the telescoping antenna & 4 - AA batts. Also includes a laser copy of manual - original wasn't included with mine. Originally \$99.95. I paid \$50 + tax, and I'll ship it to you for \$50.00. 1-1300MHz, backlit, 2 gates - nice meter!

3.) MFJ-816 HF SWR/Watt meter. 1.8MHz - 30MHz, dual range 30w-300w meter - a solid 9.5/10.0 scale - very clean. Works fine - good candidate for conversion to 3w -30w QRP meter, perhaps. Includes MFJ instruction sheet & schematic. New: 34.95 + shipping. Shipped to your door for \$21.00.

4.) Ramsey keyer - CW-700 with Iambic touch paddles, memory expansion kit. Built, works fine. Touch paddles are sorta interesting ;) Includes documentation. Shipped to you for \$40.

73,

Conrad Weiss - NN6CW

Date: Mon, 24 Jul 2000 12:58:07 -0600
From: Niels Jensen Kristjansson <nkristja@cadvision.com>
To: qrp-1@Lehigh.EDU
Subject: [75750] 14.00775
Message-ID: <1.5.4.16.20000724125013.1a97c9d2@cadvision.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>X-From_: N4QX@arrl.org Mon Jul 24 11:42:50 2000
>From: "Price, Brennan, N4QX" <N4QX@arrl.org>
>To: "'nkristja@cadvision.com'" <nkristja@cadvision.com>
>Cc: "Hare, Ed, W1RFI" <w1rfi@arrl.org>

>Subject: 14.00775
>Date: Mon, 24 Jul 2000 13:38:36 -0400
>
>Niels,
>
>ARRL Laboratory Supervisor Ed Hare, W1RFI, forwarded your message.
>
>A staffer at the FCC also heard this, and got the watch officer to do a DF
>fix. They seem to believe it's coming from the San Diego area. Our field
>organization in the San Diego Section has been alerted.
>
>I took some time this morning to check the signal. Sounds like someone's
>got their paddle stuck dit-down.
>
>Please feel free to pass this along. We would appreciate continuing
>reports.
>
>73,
>
>Brennan Price, N4QX
>Field and Regulatory Correspondent
>American Radio Relay League
>860 594-0272 (work)
>
>-----Original Message-----
>From: Niels Jensen Kristjansson [mailto:nkristja@cadvision.com]
>Sent: Monday, July 24, 2000 1:04 AM
>To: Low Power Amateur Radio Discussion
>Subject: Am I the only one hearing this?
>
>
>
>Hi gang,
>
>For the past three days I have been hearing dits on 14.008, this has been
>continous and as far as I can tell coming from NNW. It is not local due
>to the QSB on the signal. Does anyone else hear this?
>
>73 de Niels
>VE6NJK/TF3NJ
>
>Calgary, AB
>CANADA
>
>
>
>
>

>

Date: Mon, 24 Jul 2000 15:34:54 -0400 (EDT)
From: lujce@Lehigh.EDU
To: kc8aon@juno.com
Cc: qrp-l@lehigh.edu
Subject: [75751] Re: Callsign lookup via QRP-L
Message-ID: <200007241934.PAA221534@nss4.cc.lehigh.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Rick,

I think it's all better now. Let me know if you have any trouble.

73

Jim N3VXI

> Anyone else having problems with the callsign lookup feature via QRP-L
> ? Lately when I try to get info from it, all I get is The callsign back,
> the license issue & renewal date, grid square etc etc..... but no
> mailing address - What's going on ? Maybe the list operators can shed
> some light on it for me - PLEASE !

Date: Sun, 23 Aug 1998 23:29:31 +0100
From: euramcom <mel@euramcom.freemove.co.uk>
To: <qrp-l@lehigh.edu>
Subject: [75752] Linux and DOS stuff
Message-ID: <E13GoL1-0006KM-00.2000-07-24-20-56-32@mail3.svr.pol.co.uk>
Mime-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Hi Gangue,

Those interested in Linux stuff can look at Arachne for Linux as=
a

dedicated www browser and e-mailer. Go to:-

<http://www.arachne.cz>

and get yourself a freebie download direct, or go via my own DOS= site
at:-

<http://www.arachne4dos.freeseerve.co.uk>

and select the links form there.

No, I don't use it myself, I still do use the DOS version though= and
this is an ideal way to get n old (dumpster aquired) 386/486= machine
onto the internet. Supports graphics, animations, full e-mail facilities, ftp, cyrillic alphabets, iso latin, edits html, comes= on
a 1.44 floppy! BTW and for what it is worth, after the install= and
learning curve, on a pentium up machine, Arachne WILL work as= fast or
faster than either Netscape or Exploder will on e-mail tasks.= This
is due to the programme working direct on the interupt lines and= so
on, rather than through the Winbloat interface.

On the down side, it doesn't support other than very simple= Jscript,
but most of us can live without the flash for the sake of flash stuff. Tech support includes being able to e-mail the developer himself, Michael Polak in the CZ republic. (Hi Mr Gates, your win=

prog is cr*p! :>}) with your comments and wierdo queries. And= then
you do get a reply!

Regards, 72 and 73 de mel

GM6JAG

Edinburgh, Scotland, UK

Home of the last HW9

-- euraamcom, mel@euramcom.freeseerve.co.uk on 08/23/1998

Date: Mon, 24 Jul 2000 11:37:59 +0100
From: "Walt Amos" <waltk8cv@surfree.com>
To: <john@neknetwork.com>
Cc: "Posts Qrp-1" <qrp-1@lehigh.edu>
Subject: [75753] Re: ANT: QRP use of the Double Bazooka
Message-ID: <000001bff5a2\$f37b14a0\$4c891b26@waltamos>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

John:

ah nostalgia and the DOUBLE BAZOOKA
!!

There was a guy, in a time long ago, in Florida who was selling to the
fishing fleet and HAMS a WONDERFUL antenna that was broad band and had LOW
swr on all bands. This wonderful antenna cost around \$300 bucks but was
getting glowing reports from all over on how easy it was to use and worked
the world and absolutely no SWR foldback it did have a
MAGIC black box for a center insulator that voided the warranty if opened.

Guess who opened one up?

Why, the good old ARRL and there product review team , that's who!

What did they find !!

A 50 ohm resistor :-))0)

Walt Amos K8CV Royal Oak, MI

Date: Mon, 24 Jul 2000 15:08:07 -0500
From: "Kanalz, Karl" <Karl.Kanalz@allegiancetelecom.com>
To: "'waltk8cv@surfree.com'" <waltk8cv@surfree.com>, Low Power Amateur Radio
Discussion <qrp-1@Lehigh.EDU>
Subject: [75754] RE: ANT: QRP use of the Double Bazooka
Message-ID:
<4734702CFA3CD411A74A00805F57A3B703E3F35F@dfwex01.allegiancetelecom.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"

I believe that was the "Max-Comm" antenna - advertised for a long time in Popular Communications and a few other "pulp" publications. Seems to me that a few years ago, some brave (or wealthy?) soul tore a Max-Comm apart and had it X-rayed. Since the innards were potted in epoxy (not easy to dissolve without destroying the components inside the "magic box", only X-rays were suitable (at the time). Not only did they spot a resistor (value not stated), but a couple of capacitors and one coil, but the interconnection of all those components couldn't be accurately determined.

Whew! Maybe P.T. Barnum (or his associates) was right!

Karl K - W8TIF
McKinney, Texas

-----Original Message-----

From: Walt Amos [SMTP:waltk8cv@surfree.com]
Sent: Monday, July 24, 2000 5:38 AM
To: Low Power Amateur Radio Discussion
Subject: Re: ANT: QRP use of the Double Bazooka

John:

ah nostalgia and the DOUBLE BAZOOKA
!!

There was a guy, in a time long ago, in Florida who was selling to the fishing fleet and HAMS a WONDERFUL antenna that was broad band and had LOW swr on all bands. This wonderful antenna cost around \$300 bucks but was getting glowing reports from all over on how easy it was to use and worked the world and absolutely no SWR foldback it did have a MAGIC black box for a center insulator that voided the warranty if opened.

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What did they find !!

A 50 ohm resistor :-))0)

Walt Amos K8CV Royal Oak, MI

Date: Mon, 24 Jul 2000 16:28:18 -0400
From: David Hinerman <dlh1009@ritvax.isc.rit.edu>
To: qrp-l <qrp-l@Lehigh.EDU>
Subject: [75755] varactors & black magic
Message-ID: <000d01bff5ad\$b71f6aa0\$2d0a05cc@rochester.com>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

Folks,

I've noticed a lot of designs that use a pair of varactors cathode-to-cathode, with the control voltage applied to the junction, in VFO circuits.

Is there an advantage to using two varactors that way, instead of a single varactor and a blocking cap?

Dave

P.S. I'm not cheap, I'm frugal! Just ask my wife. On second thought... never mind. D.

David Hinerman WD8CIV
Ontario, NY Grid FN13IF
dlh1009@rit.edu

Date: Mon, 24 Jul 2000 16:25:12 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <Karl.Kanalz@allegiancetelecom.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>, <waltk8cv@surfree.com>
Subject: [75756] Re: ANT: QRP use of the Double Bazooka
Message-ID: <002201bff5ae\$1c227c80\$2101a8c0@insydesw.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Actually, someone just recently emailed me an address to go and look at the QST review of that. Including the X-RAY pictures.

The antenna box appeared to be filled with 'surplus' parts that stuck up through the 'muck' and appeared on the X-Ray but weren't hooked

to anything. The resistor was the key element.

Supposedly the thing was high quality. But then, you can have gold handles on your trash can. And there were more than one version. The 'high power' version was MUCH more than the \$300 you mention.

I seem to recall that it actually worked. It gave very wide response, and the SWR was acceptable over a very wide range. Just that the signal was something like 21db down from a dipole.

If I recall, the article with the product review is still on the ARRL website.

Mike

> I believe that was the "Max-Comm" antenna - advertised for a long time
> in
> Popular Communications
> and a few other "pulp" publications. Seems to me that a few years
> ago, some
> brave (or wealthy?) soul
> tore a Max-Comm apart and had it X-rayed. Since the innards were
> potted in
> epoxy (not easy to dissolve
> without destroying the components inside the "magic box", only X-rays
> were
> suitable (at the time). Not only did they spot a resistor (value
> not
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> interconnection of
> all those components couldn't be accurately determined.
>
> Whew! Maybe P.T. Barnum (or his associates) was right!
>
> Karl K - W8TIF
> McKinney, Texas
>
> -----Original Message-----
> From: Walt Amos [SMTP:waltk8cv@surfree.com]
> Sent: Monday, July 24, 2000 5:38 AM
> To: Low Power Amateur Radio Discussion
> Subject: Re: ANT: QRP use of the Double Bazooka
>
> John:
>
> ah nostalgia and the DOUBLE
BAZOOKA
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>
> There was a guy, in a time long ago, in Florida who was selling to the
> fishing fleet and HAMS a WONDERFUL antenna that was broad band and had
LOW
> swr on all bands. This wonderful antenna cost around \$300 bucks but
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> getting glowing reports from all over on how easy it was to use and
worked
> the world and absolutely no SWR foldback it did
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> MAGIC black box for a center insulator that voided the warranty if
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>
> What did they find !!
>
> A 50 ohm resistor :-))0)
>
> Walt Amos K8CV Royal Oak, MI
>
>

Date: Mon, 24 Jul 2000 15:44:10 -0500
From: "Ed Manuel (N5EM)" <n5em@flash.net>
To: qrp-l@lehigh.edu
Subject: [75757] ANT: Antennas with resistors
Message-ID: <4.3.2.7.2.20000724153924.00b40890@pop.flash.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Gang,

Just saw another one at the Dallas/Arlington HamComm. This one was a two
element rotatable antenna that claims all band low VSWR coverage with one
feedline. Yep, there's a BIG resistor in the feedpoint assembly. Thing
will handle full legal limit, too (gee). Note I didn't say directional, or
beam, or anything else that describes some kind of predictable performance.

Just goes to show you what QRPers already knew.

If you start with 100 watts, radiate 1 or two in the copper and aluminum,
and dissipate 99 in the resistor, you can really make contacts.

So, you can be a QRPer by accident or you can do it by design and brag about it :-)

Ed Manuel, N5EM Houston, TX (Harris Co.) EL29
Houston QRP Club, Houston Amateur Television Society, CQ-Magazine ATV Editor
<http://www.hqrp.stevens.com/index.htm> n5em@amsat.org

Date: Mon, 24 Jul 2000 16:46:13 EDT
From: ARDUJENSKI@aol.com
To: qrp-1@lehigh.edu
Subject: [75758] 14.008 INTERFERENCE LATEST WORD
Message-ID: <bb.576a092.26ae0515@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Subj: RE: HELP!!!interference on 14.008
Date: 7/24/00 1:35:17 PM Pacific Daylight Time
From: N4QX@arrl.org (Price, Brennan, N4QX)
To: jhennessee@arrl.org (Hennessee, John, N1KB), ARDUJENSKI@aol.com
 ('ARDUJENSKI@aol.com')
CC: w1rfi@arrl.org (Hare, Ed, W1RFI), gmilnes@arrl.org (Milnes, Greg (Dir,
 NW))

Alan,

Please feel free to distribute this freely.

I'm forwarding the message I sent to ARRL Monitoring System stations about this. I've asked them to monitor the frequency and try to confirm that the signal comes from the direction of San Diego. (I got conflicting beam headings in my initial reports; the observation here in Newington points toward the FCC's finding of the San Diego area. Perhaps the West Coast stations are too close to get a reliable heading without a specialized DF antenna; Yagis don't work too well for medium-to-short range HFDF.)

In addition to our monitoring, the ARRL San Diego Section Field Organization has been alerted, and is trying to organize close range HFDF work. I'm sure help in this area would be welcome.

Monitoring reports are welcome at n4qx@arrl.org. The more documentation we have, the better.

73,
Brennan Price, N4QX
Field and Regulatory Correspondent
ARRL Monitoring System Administrator
American Radio Relay League
860 594-0272 (work)

-----Forwarded Message-----

To: ARRL Monitoring Stations

If you get a chance, check out 14007.75 kHz and let me know what you think.

Sounds like someone has an unattended rig with the keyer "dit down". The signal is QSA 3 here in Newington, with maximum strength at a beam heading of 260 degrees.

One of the hams who reported this works at the FCC. He solicited DF help from the watch officer on duty, and they got a fix on the San Diego area. San Diego would be 260 degrees from Newington.

Sounds like A1A from here, but the signal is somewhat weak, and I'd appreciate other opinions. Most reports I'm getting are from the West Coast.

73,
Brennan Price, N4QX
Field and Regulatory Correspondent
American Radio Relay League
860 594-0272 (work)

Date: Mon, 24 Jul 2000 13:55:40 -0700
From: Radman <radman@best.com>
To: "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>
Subject: [75759] FS: Rainbow SOLD !! & update...
Message-ID: <01BFF576.DC3B8EE0@radman.vip.best.com>

Gang,

FS - update....

- 1.) NJQRP Rainbow tuner is SOLD !!!!! (in 12 seconds!)
- 2.) Radio Shack Freq Counter -- #22-305 - spoken for ...awaiting

confirmation.

3.) MFJ-816 HF SWR/Watt meter. 1.8MHz - 30MHz, dual range 30w-300w meter - a solid 9.5/10.0 scale - very clean. Works fine - good candidate for conversion to 3w -30w QRP meter, perhaps. Includes MFJ instruction sheet & schematic. New: 34.95 + shipping. Shipped to your door for \$21.00.

4.) Ramsey keyer - CW-700 with Iambic touch paddles, memory expansion kit. Built, works fine. Touch paddles are sorta interesting ;) Includes documentation. Shipped to you for \$40.

73,

Conrad Weiss - NN6CW

Date: Mon, 24 Jul 2000 13:52:20 -0700 (MST)
From: Chris Trask <ctrask@primenet.com>
To: David Hinerman <dlh1009@ritvax.isc.rit.edu>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [75760] Re: varactors & black magic
Message-ID: <Pine.BSI.3.96.1000724135115.28274A-1000000@usr06.primenet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

The advantage is that you get a lower capacitance. This is an important design consideration in UHF and microwave VCO's. We may use more than two in some instances.

Chris

On Mon, 24 Jul 2000, David Hinerman wrote:

> Folks,
>
> I've noticed a lot of designs that use a pair of varactors
> cathode-to-cathode, with the control voltage applied to the junction, in VFO
> circuits.
>
> Is there an advantage to using two varactors that way, instead of a single
> varactor and a blocking cap?
>
> Dave
>

```
> P.S. I'm not cheap, I'm frugal! Just ask my wife. On second thought... never
> mind. D.
```

 \succ

> -----

> David Hinerman WD8CIV

```
> Ontario, NY Grid FN13IF
```

```
> dlh1009@rit.edu
```

>

>

```

      ,-----'
      /      What's all this      \
      / extinct stuff, anyhow?    /
      \      -----'             \
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```

High Performance Mixers and Amplifiers for RF Communications

Chris Trask / N7ZWY
Principal Engineer
Sonoran Radio Research
P.O. Box 25240
Tempe, Arizona 85285-5240

IEEE Member #40274515

Email: ctrask@primenet.com
<http://www.primenet.com/~ctrask>

Graphics by Loek Frederiks

Date: Mon, 24 Jul 2000 17:00:29 -0400
From: "w8diz" <w8diz@cinci.rr.com>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [75761] Re: varactors & black magic
Message-ID: <001201bff5b2\$333f3f30\$1461a518@cinci.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Dave,

The reason for back-to-back varactors....

Well, you must remember that while the varactor may have a capacitor effect

while reverse biased, it is still a DIODE, which means it may conduct in half of the RF cycle, assuming it reached 0.6 volts peak. If you have an oscillator and you want to avoid harmonics and cutting off one half of a sine wave, use back to back diodes. In the B-B configuration, one diode is always blocking current flow.

73 & "oo's" - Dieter (DIZ) Gentzow - W8DIZ - Loveland, Ohio
Clermont County - EM79uf - near Cincinnati; 39.218N - 84.305W
FPqrp-1 SOC-8 DLQRPAG-1454 ARCI-10226 QRPL-1998 10X-9389 CATT-26 K2-493
<http://home.cinci.rr.com/w8diz> [AOL-IM "w8diz"]

----- Original Message -----

From: "David Hinerman" <dlh1009@ritvax.isc.rit.edu>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Monday, July 24, 2000 4:28 PM
Subject: varactors & black magic

> Folks,
>
> I've noticed a lot of designs that use a pair of varactors
> cathode-to-cathode, with the control voltage applied to the junction, in
VFO
> circuits.
>
> Is there an advantage to using two varactors that way, instead of a single
> varactor and a blocking cap?
>
> Dave
>
> P.S. I'm not cheap, I'm frugal! Just ask my wife. On second thought...
never
> mind. D.
>
> -----
> David Hinerman WD8CIV
> Ontario, NY Grid FN13IF
> dlh1009@rit.edu
>
>

Date: Mon, 24 Jul 2000 18:03:39 -0400
From: Tim Soxman <tims@hhs.net>
To: w6abc@yahoo.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [75762] Re: Am I the only one hearing this?
Message-ID: <397CBD3B.EE7189C5@hhs.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Gang,

The phantom ditter is due west from my Pittsburgh location.

73

Tim W3ZVT

Date: Mon, 24 Jul 2000 17:58:46 -0400
From: Bill Coleman AA4LR <aa4lr@radio.org>
To: <herr@ridgecrest.ca.us>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [75763] RE> Want to go "Retro"
Message-ID: <1000624175845.RAA01844@gate.iterated.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

On 7/21/00 9:55 PM, Michael Herr at herr@ridgecrest.ca.us wrote:

>I have a GR-81 but am using it!

You're lucky. If anyone knows of a GR-81 available for parts, I'm in need of the main tuning, bandspread capacitors and the dial panel. I'm restoring my GR-81 that was my first radio, Christmas 1970.

Bill Coleman, AA4LR, PP-ASEL Mail: aa4lr@radio.org
Quote: "Boot, you transistorized tormentor! Boot!"
-- Archibald Asparagus, VeggieTales

Date: Mon, 24 Jul 2000 17:52:49 EDT
From: Rick McKee <kc8aon@juno.com>
To: waltk8cv@surfree.com, qrp-1@Lehigh.EDU
Subject: [75764] Re: ANT: QRP use of the Double Bazooka
Message-ID: <20000724.180647.4303.7.kc8aon@juno.com>

Broadband and low swr sometimes translates into - LOSSES

nuf said !
kc8aon

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<http://dl.www.juno.com/get/tagj>.

Date: Mon, 24 Jul 2000 18:06:38 EDT
From: Rick McKee <kc8aon@juno.com>
To: qrp-1@Lehigh.EDU
Subject: [75765] Broadband antennas with resistors
Message-ID: <20000724.180647.4303.8.kc8aon@juno.com>

B&W markets a 90' long folded dipole that supposedly covers 1.8 to 30 mhz, wonder what it has in it's center insulator ? Supposedly used by military and embassies around the world ! Anyone ever used one or taken one apart to see what makes it tick ? I bet I know !

73...Rick McKee KC8AON { CW lives as long as I do ! }
Willow Wood,Ohio "oo's"
AR QRP # 269 QRP-L # 2112 ZOMBIE # 718 FPqrp # 33
TriState BrassPounders # 1

YOU'RE PAYING TOO MUCH FOR THE INTERNET!
Juno now offers FREE Internet Access!
Try it today - there's no risk! For your FREE software, visit:
<http://dl.www.juno.com/get/tagj>.

Date: Mon, 24 Jul 2000 17:21:34 -0500
From: Goemans <jgoemans@facstaff.wisc.edu>
To: qrp-1@lehigh.edu
Subject: [75766] Another rainbow tuner for sale!
Message-ID: <3.0.2.32.20000724172134.006bb06c@facstaff.wisc.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi gangue,
I have a Rainbow Tuner for sale also, built in a small hinged

metal phono cartridge box that is the same size as the board. It was entered in the 1997 Dayton QRP-L building contest, it did not win, but it is beautiful! It works great, with docs, will ship in ConUS for \$40.

PS the 14.007.85 Mhz dits are coming in at up to s5 here right now.

72, Paul

Paul Goemans WA9PWP
1508 Sundt Lane Stoughton, Wi 53589
wa9pwp@arrl.net

Date: Mon, 24 Jul 2000 16:16:19 -0600
From: "Alan Dawkins" <alk0frp@home.com>
To: <qrp-l@lehigh.edu>
Subject: [75767] RE: 14.008
Message-ID: <002f01bff5bc\$cafd06e0\$0300a8c0@al-s>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

the diter is due west of Denver S5 at 2200 Z
4 el mono 82 ft
Al K0FRP

Date: Mon, 24 Jul 2000 18:25:33 -0400
From: John Wagner <john@neknetwork.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [75768] ANT: Will test Bazooka on air tonight
Message-ID: <397CC25C.58CA1512@neknetwork.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang,

I would like to test this antenna bit more. It's supposed to be coming

down (now), but I'm going to leave it up for one more night, fishing line, twine and all.

I will be operating from 0100Z (9p EST Mon) for about 2 hours on or near 14.060 w/5w from my IC-746. I would like to switch from antenna to antenna and get an RST from each. If you're on the air about that time, I'd appreciate a moment of your time, your QTH and an honest RST for each antenna. I'm particularly interested in getting a pattern for each of these antennas and figuring out where each ones strength is. This limited test may not be precise, but it will give me an idea. I'll publish the log on my web site if anyone is interested.

Ant A: 3/2 wave dipole fed w/450ohm ladder line up 45'

Ant B: 20m Double Bazooka up about 25' in the center and 15' on each leg fed with coax

Hope to hear from you this evening, Tnx es 73,

John, KB1ENS

QTH is Holland, VT

--

John Wagner - john@neknetwork.com

Web page: <http://www.neknetwork.com>

Personal Web page: <http://www.together.net/~jwag>

Date: Mon, 24 Jul 2000 17:31:04 -0500
From: "George , W5YR" <w5yr@att.net>
To: alk0frp@home.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [75769] Re: 14.008
Message-ID: <397CC3A8.E9A255E9@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I just returned from the shack where the ditler was coming in about S4-5. I do not have any directional antennas so nothing on the direction. He went OFF abruptly at approx 2225Z.

I did take time to get an accurate frequency on him, though:

14,007.1529 KHz

corrected for 5.1 Hz frequency offset from WWV (10 MHz) in the Kachina.

Since the signal seems to come on and off rather abruptly, it sounds

unlike QSB or a dot-lever stuck. Unless the guy found it and turned it off at 2225Z! ;^)

72/73, George W5YR - the Yellow Rose of Texas
Fairview, TX 30 mi NE Dallas in Collin county QRP-L 1373
Amateur Radio W5YR, in the 54th year and it just keeps getting better!
R/C since 1964 - AMA 98452 RVing since 1972 Kachina #91900556
(12/99)

Alan Dawkins wrote:

>
> the diter is due west of Denver S5 at 2200 Z
> 4 el mono 82 ft
> Al K0FRP

--

Date: Mon, 24 Jul 2000 15:35:49 -0700
From: "Rich Wilkerson" <richqrp@home.com>
To: <w5yr@att.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [75770] Re: 14.008
Message-ID: <004c01bff5bf\$845b5540\$f5460418@elcjin1.sdca.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have just read this thread for the first time. I live just outside of San Diego, in Santee, about 25 mi. east of San Diego, it is 2235 hrs. and I can just barley hear a signal on 14.008.19... Is this the signal?????//

Rich Wilkerson WD6FDD

----- Original Message -----

From: "George , W5YR" <w5yr@att.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Monday, July 24, 2000 3:31 PM
Subject: Re: 14.008

> I just returned from the shack where the diter was coming in about S4-5.
> I do not have any directional antennas so nothing on the direction. He
> went OFF abruptly at approx 2225Z.
>
> I did take time to get an accurate frequency on him, though:
>
> 14,007.1529 KHz

>
> corrected for 5.1 Hz frequency offset from WWV (10 MHz) in the Kachina.
>
> Since the signal seems to come on and off rather abruptly, it sounds
> unlike QSB or a dot-lever stuck. Unless the guy found it and turned it
> off at 2225Z! ;^)
>
> 72/73, George W5YR - the Yellow Rose of Texas
> Fairview, TX 30 mi NE Dallas in Collin county QRP-L 1373
> Amateur Radio W5YR, in the 54th year and it just keeps getting better!
> R/C since 1964 - AMA 98452 RVing since 1972 Kachina #91900556
> (12/99)
>
>
> Alan Dawkins wrote:
> >
> > the diter is due west of Denver S5 at 2200 Z
> > 4 el mono 82 ft
> > A1 K0FRP
>
> --

Date: Mon, 24 Jul 2000 16:32:15 -0600
From: "Alan Dawkins" <alk0frp@home.com>
To: <w5yr@att.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [75771] Re: 14.008
Message-ID: <009c01bff5bf\$051fec00\$0300a8c0@al-s>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Its still there S4 2234Z
-----Original Message-----

From: George , W5YR <w5yr@att.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Monday, July 24, 2000 4:32 PM
Subject: Re: 14.008

>I just returned from the shack where the diter was coming in about S4-5.
>I do not have any directional antennas so nothing on the direction. He
>went OFF abruptly at approx 2225Z.
>
>I did take time to get an accurate frequency on him, though:

>
> 14,007.1529 KHz
>
>corrected for 5.1 Hz frequency offset from WWV (10 MHz) in the Kachina.
>
>Since the signal seems to come on and off rather abruptly, it sounds
>unlike QSB or a dot-lever stuck. Unless the guy found it and turned it
>off at 2225Z! ;^)
>
>72/73, George W5YR - the Yellow Rose of Texas
>Fairview, TX 30 mi NE Dallas in Collin county QRP-L 1373
>Amateur Radio W5YR, in the 54th year and it just keeps getting better!
>R/C since 1964 - AMA 98452 RVing since 1972 Kachina #91900556
>(12/99)
>
>
>Alan Dawkins wrote:
>>
>> the diter is due west of Denver S5 at 2200 Z
>> 4 el mono 82 ft
>> Al K0FRP
>
>--

Date: Mon, 24 Jul 2000 18:41:20 EDT
From: BenNW7DX@aol.com
To: qrp-l@lehigh.edu
Subject: [75772] Re: 14.008
Message-ID: <e2.790a940.26ae2010@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Actually, he's still a good 569 into Seattle, so nothing has been turned off yet.

Ben - NW7DX

==
<< He went OFF abruptly at approx 2225Z. >>

Date: Mon, 24 Jul 2000 15:42:42 PDT
From: "Brad Hernlem" <alihernlem@hotmail.com>

To: qrp-1@lehigh.edu
Cc: dlh1009@ritvax.isc.rit.edu
Subject: [75773] Re: varactors & black magic
Message-ID: <20000724224244.28709.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

David,

Another possible consideration is to reduce harmonics, get better wave shape, etc. If you think about it, in an oscillator, unless the design is such that the varactor has a relatively small capacitance in series with it, the varactor will see a swinging voltage over time (that's the point of the oscillator, right?). Therefore, as the oscillator swings through one cycle the varactor will be changing capacitance accordingly. Overall it will have some average that sets the oscillator frequency but if you look at the signal on a scope it will have peaks on one side that are pointy and blunt on the other.

Using two varactors in series helps to even out these changes.

Brad

From: David Hinerman (dlh1009@ritvax.isc.rit.edu):

Folks,

I've noticed a lot of designs that use a pair of varactors cathode-to-cathode, with the control voltage applied to the junction, in VFO circuits.

Is there an advantage to using two varactors that way, instead of a single varactor and a blocking cap?

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Date: Mon, 24 Jul 2000 15:46:33 -0700
From: "Rich Wilkerson" <richqrp@home.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [75774] Re: 14.008
Message-ID: <000d01bfff5c1\$045f2220\$f5460418@elcjin1.sdca.home.com>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I could send "test" de WD6FDD on this frequency and let you see if you can hear my sig from San Diego???????? And compare...

----- Original Message -----

From: "Alan Dawkins" <alk0frp@home.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Monday, July 24, 2000 3:32 PM
Subject: Re: 14.008

> Its still there S4 2234Z
> -----Original Message-----
> From: George , W5YR <w5yr@att.net>
> To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
> Date: Monday, July 24, 2000 4:32 PM
> Subject: Re: 14.008
>
>
> >I just returned from the shack where the ditter was coming in about S4-5.
> >I do not have any directional antennas so nothing on the direction. He
> >went OFF abruptly at approx 2225Z.
> >
> >I did take time to get an accurate frequency on him, though:
> >
> > 14,007.1529 KHz
> >
> >corrected for 5.1 Hz frequency offset from WWV (10 MHz) in the Kachina.
> >
> >Since the signal seems to come on and off rather abruptly, it sounds
> >unlike QSB or a dot-lever stuck. Unless the guy found it and turned it
> >off at 2225Z! ;^)
> >
> >72/73, George W5YR - the Yellow Rose of Texas
> >Fairview, TX 30 mi NE Dallas in Collin county QRP-L 1373
> >Amateur Radio W5YR, in the 54th year and it just keeps getting better!
> >R/C since 1964 - AMA 98452 RVing since 1972 Kachina #91900556
> >(12/99)
> >
> >
> >Alan Dawkins wrote:
> >>
> >> the ditter is due west of Denver S5 at 2200 Z
> >> 4 el mono 82 ft
> >> Al K0FRP

> >
> >--
>

Date: Mon, 24 Jul 2000 22:54:40 +0000
From: Goran Hosinsky <hosinsky@royac.iac.es>
To: qrp-l <qrp-l@lehigh.edu>
Subject: [75775] K2 balanced output?
Message-ID: <397CC930.C9505B31@royac.iac.es>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I just put up a doublet, 30.3 alnar long - (that is about 59.055118) feet for you US guys. I hear a lot of signals, and a lot less noise than I did with my vertical - we have about 20 computers running in this building.

I have connected it directly to my K2 atu which is unbalanced. Reading about the different ways to use a balun, can I put a 1:1 balun on the battery cables and get balanced output? Like you do putting a balun on the input to an unbalanced ATU.

73

Goran ea8yu (ex sm0fxa, ic8hgz)

End of QRP-L Digest 1892

